



Potato Stocks

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Potato Stocks Down 3 Percent from December 2021

Potatoes held in storage on December 1, 2022 totaled 258 million cwt, down 3 percent from December 1, 2021. Potatoes in storage accounted for 65 percent of the 2022 production, unchanged from the same period a year earlier. The indicated season to date disappearance, at 139 million cwt, was down 4 percent from the same period last year. Season to date shrink and loss, at 12.2 million cwt, was up slightly from the same time last year. Processors in the 8 States used 75.3 million cwt of potatoes for the season, down slightly from December 2021.

Potato Production and Stocks – 13 States: December 1, 2021-2022

[Stocks include processor holdings and most of the seed to plant following year's crop.]

State	Crop of 2021			Crop of 2022		
	Production	Stocks December 1, 2021	December stocks as a percent of production	Production	Stocks December 1, 2022	December stocks as a percent of production
	(1,000 cwt)	(1,000 cwt)	(percent)	(1,000 cwt)	(1,000 cwt)	(percent)
California	11,049	1,900	17	9,160	1,300	14
Colorado	21,484	16,000	74	21,080	14,800	70
Florida	5,400	(D)	(D)	4,956	(D)	(D)
Idaho	132,090	92,000	70	120,745	85,000	70
Maine	18,389	13,600	74	18,113	15,300	84
Michigan	19,350	11,900	61	16,720	10,600	63
Minnesota	17,553	12,500	71	19,298	15,000	78
Nebraska	9,261	5,500	59	9,552	5,700	60
North Dakota	22,500	17,100	76	22,265	16,500	74
Oregon	26,280	20,700	79	25,311	19,000	75
Texas	5,520	(D)	(D)	7,188	(D)	(D)
Washington	91,928	52,000	57	94,903	52,500	55
Wisconsin	29,025	19,800	68	27,598	19,300	70
Other States ¹	-	2,500	(X)	-	3,000	(X)
Total	409,829	265,500	65	396,889	258,000	65
Klamath Basin ²	(NA)	4,600	(NA)	(NA)	3,600	(NA)

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

(X) Not applicable.

¹ Includes data withheld above.

² Includes potato stocks in California and Klamath County, Oregon. Already included in the total.

Potato Production and Stocks – 13 States: 2013-2022

[Blank cells indicate estimation period has not yet begun]

Crop year	Production	December 1	February 1	April 1	June 1
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
2013	388,204	(NA)	(NA)	119,450	47,085
2014	399,118	267,500	206,600	139,200	63,535
2015	403,062	267,900	205,900	137,200	60,080
2016	412,688	275,800	213,000	142,600	67,570
2017	406,800	277,900	210,600	138,800	63,740
2018	414,359	279,300	212,800	144,700	70,370
2019 ¹	424,419	269,200	203,000	127,000	58,000
2020	420,020	270,300	205,100	124,800	56,400
2021	409,829	265,500	198,600	127,300	56,400
2022	396,889	258,000			

(NA) Not available.

¹ Beginning in 2019, production represents all potatoes.

Potato Stocks by Type as Percent of Total Stocks – 13 States: December 1, 2021-2022

State	Potato types							
	Reds		Whites		Yellows		Russets	
	2021	2022	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
California	8	7	39	41	23	13	30	39
Colorado	4	5	3	1	7	6	86	88
Florida	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Idaho	3	2	(D)	2	(D)	3	93	93
Maine	6	(D)	30	29	4	(D)	60	56
Michigan	1	(D)	82	78	1	4	16	(D)
Minnesota	7	7	4	(D)	1	(D)	88	89
Nebraska	(D)	(D)	69	69	(D)	(D)	29	29
North Dakota	18	(D)	26	25	4	(D)	52	51
Oregon	(D)	(D)	(D)	(D)	(D)	(D)	92	91
Texas	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washington	3	3	5	5	3	4	89	88
Wisconsin	6	5	33	42	2	2	59	51
13 State average	4	4	14	14	3	4	79	78

(D) Withheld to avoid disclosing data for individual operations.

Quantity of Potatoes Used for Processing – 8 States: 2021-2023

[Total quantity received and used for processing regardless of the State in which the potatoes were produced. Blank cells indicate estimation period has not yet begun]

State	Current year	Following year						
	December 1, 2021	January 1, 2022	February 1, 2022	March 1, 2022	April 1, 2022	May 1, 2022	June 1, 2022	Season
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Idaho and Malheur County, Oregon	27,070	34,300	41,530	48,715	56,370	63,875	71,680	83,070
Maine	1,735	2,250	2,890	3,475	4,065	4,590	5,050	5,399
Washington and Oregon ¹	34,920	42,380	49,870	59,620	67,870	76,105	84,965	94,882
Other States ²	11,882	16,011	19,773	22,981	26,364	29,486	33,035	39,642
United States	75,607	94,941	114,063	134,791	154,669	174,056	194,730	222,993
Dehydrated ³	11,855	15,715	19,495	22,335	26,080	29,360	32,415	40,406

State	Current year	Following year						
	December 1, 2022	January 1, 2023	February 1, 2023	March 1, 2023	April 1, 2023	May 1, 2023	June 1, 2023	Season
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Colorado	645							
Idaho	22,085							
Maine	(D)							
Minnesota	2,745							
North Dakota	(D)							
Oregon	15,630							
Malheur County	3,715							
All other counties	11,915							
Washington	24,715							
Wisconsin	4,595							
Other States ⁴	4,868							
United States	75,283							
Dehydrated ³	11,000							

(D) Withheld to avoid disclosing data for individual operations.

¹ Oregon excluding Malheur County.

² Other States include Colorado, Minnesota, North Dakota, and Wisconsin.

³ Dehydrated products except starch and flour. Includes Colorado, Idaho, Minnesota, Oregon, and Washington.

⁴ Includes data withheld above.

Accumulated Potato Shrinkage and Loss – 13 States: 2021-2023

[Blank cells indicate estimation period has not yet begun]

Crop year	Current year	Following year					
	December 1, 2021	January 1, 2022	February 1, 2022	March 1, 2022	April 1, 2022	May 1, 2022	June 1, 2022
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
2021	12,202	13,831	15,450	17,355	18,950	20,480	21,848

Crop year	Current year	Following year					
	December 1, 2022	January 1, 2023	February 1, 2023	March 1, 2023	April 1, 2023	May 1, 2023	June 1, 2023
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
2022	12,226						

Statistical Methodology

Survey Procedures: The December 1 potato stock estimates in this report are based primarily on a survey conducted in the first week of December in the potato producing States. The potato stocks survey is a probability survey that includes a sample of approximately 840 growers, processors, and storage facilities that are contacted to obtain the quantity of potatoes stored as of the first of the month, as well as monthly shrinkage and loss information.

Monthly processing data is collected from a census of all known potato processing facilities in eight States (Colorado, Idaho, Maine, Minnesota, North Dakota, Oregon, Washington, and Wisconsin). An effort is made to obtain a report from all facilities. Estimates are made for missing facilities to make the survey complete.

Data was collected by mail, internet, telephone, or personal interview to obtain information on potato stocks, monthly potato processing, and monthly shrink and loss.

Estimating Procedures: Information obtained from the potato stocks survey, processing survey, and federal administrative data, is used to establish estimates of stocks, shrinkage and loss, and processing usage. These estimates are reviewed for errors, reasonableness, and consistency with historical estimates.

Revision Policy: Stocks, shrink and loss, and processing estimates for the previous estimating period are subject to revision based on late and/or updated information. At the end of the marketing season, all information available, including disposition data, are thoroughly reviewed and any necessary revisions for the entire crop year are published in the *Potatoes Annual Summary* released in September.

Reliability: Reliability of the stocks and processing data must be treated separately because the survey designs for the two surveys are very different. The stocks estimates are subject to sampling variability because all operations holding stocks are not included in the sample. This variability, as measured by the relative standard error at the United States level, is approximately 1.6 percent. This means that chances are approximately 95 out of 100 that the survey estimates for stocks will be within plus or minus 3.2 percent of the value that could be developed by averaging the estimates produced from all possible samples selected from the same population and surveyed using the same procedures.

Survey indications are also subject to non-sampling errors such as omission, duplication, imputation for missing data, and mistakes in reporting, recording, and processing the data. Processing, as well as stocks, are subject to these types of errors. These errors cannot be measured directly, but they are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@usda.gov

Lance Honig, Chief, Crops Branch.....	(202) 720-2127
Fleming Gibson, Head, Fruits, Vegetables and Special Crops Section	(202) 720-2127
Deonne Holiday – Almonds, Asparagus, Carrots, Coffee, Cranberries, Onions, Plums, Prunes, Sweet Corn, Tobacco.....	(202) 720-4288
Robert Little – Apricots, Dry Beans, Lettuce, Macadamia, Maple Syrup, Nectarines, Pears, Snap Beans, Spinach, Tomatoes	(202) 720-3250
Krishna Rizal – Artichokes, Cauliflower, Celery, Garlic, Grapefruit, Kiwifruit, Lemons, Mandarins and tangerines, Mint, Mushrooms, Olives, Oranges, Pistachios.....	(202) 720-5412
Chris Singh – Apples, Blueberries, Cucumbers, Hazelnuts, Potatoes, Pumpkins, Raspberries, Squash, Strawberries, Sugarbeets, Sugarcane, Sweet Potatoes	(202) 720-4285
Antonio Torres – Cantaloupes, Dry Edible Peas, Green Peas, Honeydews, Lentils, Papayas, Peaches, Sweet Cherries, Tart Cherries, Walnuts, Watermelons	(202) 720-2157
Chris Wallace – Avocados, Bell Peppers, Broccoli, Cabbage, Chickpeas, Chile Peppers, Dates, Floriculture, Grapes, Hops, Pecans	(202) 720-4215

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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

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